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TITLE : ANTICOAGULANT PEPTIDE AND MEDICINE FOR IMPROVING THROMBOSIS

ABSTRACT : PURPOSE: To provide an anticoagulant peptide exhibiting a fibrin coagulation inhibitory activity and useful for prevention and improvement of thrombosis and to provide a medicine containing this peptide as the active component and capable of improving thrombosis.

CONSTITUTION: An anticoagulant peptide is a peptide composed of L-amino acids and represented by a following general formula or its salt; Gly-Pro-Arg-Y- Z. (Y is Gly or Pro. Z is Pro, Pro-Pro, Ala, Gly, Arg, etc.). This peptide exhibits a high fibrin coagulation inhibitory activity and a high safety because of its structure similar to a fragment of a biological polymer, collagen. Accordingly, this peptide is useful as a medicine for improvement of thrombosis or an anti-thrombogenic food.

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